



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Gordon G. Sorrells, et al.

Serial No.: 10/674,937

Filed: September 30, 2003

For: METHOD AND SYSTEM FOR
DETERMINING THE ORIENTATION
OF NATURAL FRACTURES

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Art Unit: 2124

Confirmation No. 5294

Examiner: Unknown

INFORMATION DISCLOSURE STATEMENT

Mail Stop Missing Parts
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL NO.: EV 333438720 US

DATE OF DEPOSIT: 4/20/2004

This paper and fee are being deposited with the U.S. Postal Service Express Mail Post Office to Addressee service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Ellen Lovelace

Name of person mailing paper and fee

Ellen Lovelace

Signature of person mailing paper and fee

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order.

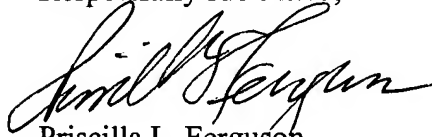
The above-identified application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirement under 37 CFR 1.98 (a)(2)(i) as stated in a Pre-OG Notice dated July 11, 2003, copies of only the foreign patent documents and non-patent literature listed on the enclosed modified Form PTO-1449 (if any) are attached.

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)).

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account 08-1394.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Respectfully submitted,


Priscilla L. Ferguson
Registration No. 42,531

Date: April 20, 2004
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In place of
PTO-1449
Form

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/674,937
Filing Date	September 30, 2003
Applicant(s)	Gordon G. Sorrells, et al.
Art Unit	2124
Examiner Name	N/A
Attorney Docket Number	

SHEET 1 OF 1

U. S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		5,010,527	4/23/1991	Mahrer
		5,377,104	12/27/1994	Sorrells et al.
		5,574,218	11/12/1996	Withers
		5,747,750	5/5/1998	Bailey et al.
		5,771,170	6/23/1998	Withers et al.
		5,774,419	6/30/1998	Uhl et al.
		5,917,160	6/29/1999	Bailey
		5,934,373	8/10/1999	Warpinski et al.
		5,963,508	10/5/1999	Withers
		5,996,726	12/7/1999	Sorrells et al.
		6,049,508	4/11/2000	Deflandre

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date MM-DD-YYYY	Patentee or Applicant of Cited Document	Translation Y/N

OTHER PRIOR ART

Examiner's Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume- issue number(s), publisher, city/country where published

Examiner
Signature

Date
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.